

Have you driven a Ford...lately?

Ford Cargo.

The truck that's got it right.

Right for drivers and for operators, whatever the duty.

With big value, big payload range and GVM extending from 13.7 tonne to 15 tonne. Comfort, roominess and quietness to help make long-distance work easy on the driver. Toughness, good road holding and balanced braking make it secure and relaxing to drive.

Cargo - right for drivers.

Just to sit in the forward control cab of the new Cargo is enough to feel it's right. You're comfortable. Everything feels spacious. And you have a wide 290 degree view of what's happening outside.

Aerodynamic features include a double curvature windscreen with 17 degree rake, flush fitting door handles and recessed over-door drip rails. Inside, there's plenty of height for tall drivers and nothing to get in the way of stepping across the floor from one side to the other. Ideal for multi-stop distribution.





Lots of elbow room. Lots of headroom. Plenty of seat adjustment including height, reach, cushion angle and rake. Soft cloth upholstery warm when it's cold, cool when it's hot. Ample stowage for personal items with a wide, roomy, lockable glovebox and large door pockets. Low mounted, two spoke steering wheel for free arm movement. A gear lever that falls to hand easily and

> instruments that are readable at a glance.

> The right layout to reduce driver fatigue and maintain concentration.

The right serviceability.

Excellent access to the engine is provided by tilting the entire cab in a simple one-person operation to an angle of 40 degrees for routine service and inspection and to 50 degrees for major servicing or engine-out overhauls.



Routine service areas accessible either by tilting the cab or raising the hood. behind the cab. And the compressor, alternator and power steering reservoirs are accessible by tilting the cab. Under the hood, are the washer reservoir, wiper motor and linkage, heater motor and clutch cylinder. All are easily accessible

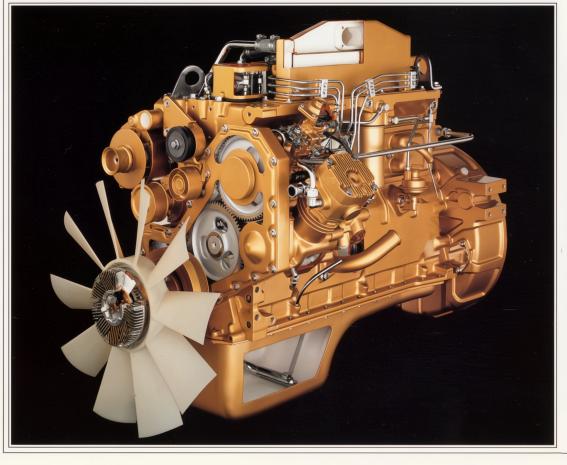
for routine servicing.

Cummins "B" Series - the right power.

New Ford Cargo is powered by the new "B" Series 5.9 Cummins diesel engine. Unique to Cargo in Australia this revolutionary unit offers advanced, lightweight construction and a high level of reliability. At maximum output levels the engine can develop an impressive 134kW (180 hp) @ 2500 rpm with peak torque capability of 603 Nm @ 1700 rpm.

The "B" Series is an engine designed from the outset for turbo charging. As a result, the turbo charger is closely matched to the engine providing excellent performance and fuel economy. Direct injection is standard. High swirl intake ports in the head provide thorough mixing of the fuel and air in the combustion chamber.

Computer aided stress analysis techniques were used extensively during the design of the cylinder block. These techniques also contributed to the development of the "B" Series having its cylinder liners integral to the main block making the unit more tolerant to servicing. There's no chance for dead air space to be trapped between the liner and the block as can happen with dry liners. Another important feature is the fact that the integral liner eliminates the chance of cavitation erosion of the liner which in turn eliminates the need for a water filter or corrosion resistor fitted to traditional truck diesel engines.



Cargo. The right ride and handling.

High levels of comfort and working efficiency are a feature of the new Ford Cargo. A major contributor to Cargo's comfortable ride are the low friction taperleaf springs fitted to both front and rear axles.

Reduced friction from the taperleafs offer a smooth ride and coupled with Cargo's large, telescopic shock absorbers provides excellent handling.



Long, wide taper leaf springs and large diameter shock absorbers.

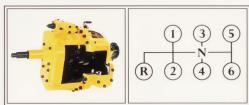
Cargo. The right drive train.

Eaton. The Right Transmissions.

New Ford Cargo 1418 features the Eaton 4106 six speed transmission providing excellent performance for the lower vehicle load rating.

Gear	Standard Ratio	% Step
6	1.00	_ 38
5	1.38	_ 45
4	2.00	_ 55
3	3.10	69
2	5.25	72
1	9.03	
Reverse	8.07	

Gear ratios.



Eaton 4106 Series.

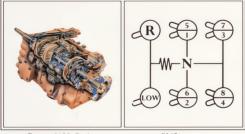
Shift pattern.

The Cargo 1518 offers a 6109 nine speed transmission which provides excellent road performance in maximum load conditions. All forward gears on both models are fully synchromesh and are housed in an aluminium casing for lighter weight and more payload.

The nine speed operates in a single "H" shift pattern with pre-selected range change.

Gear	Standard Ratio	% Step
8	1.00	34
7	1.34	37
6	1.84	37
5	2.53	40
4	3.55	34
3	4.75	37
2	6.53	37
1	8.98	40
Low	12.60	10
Rev	13.17	

Gear ratios.



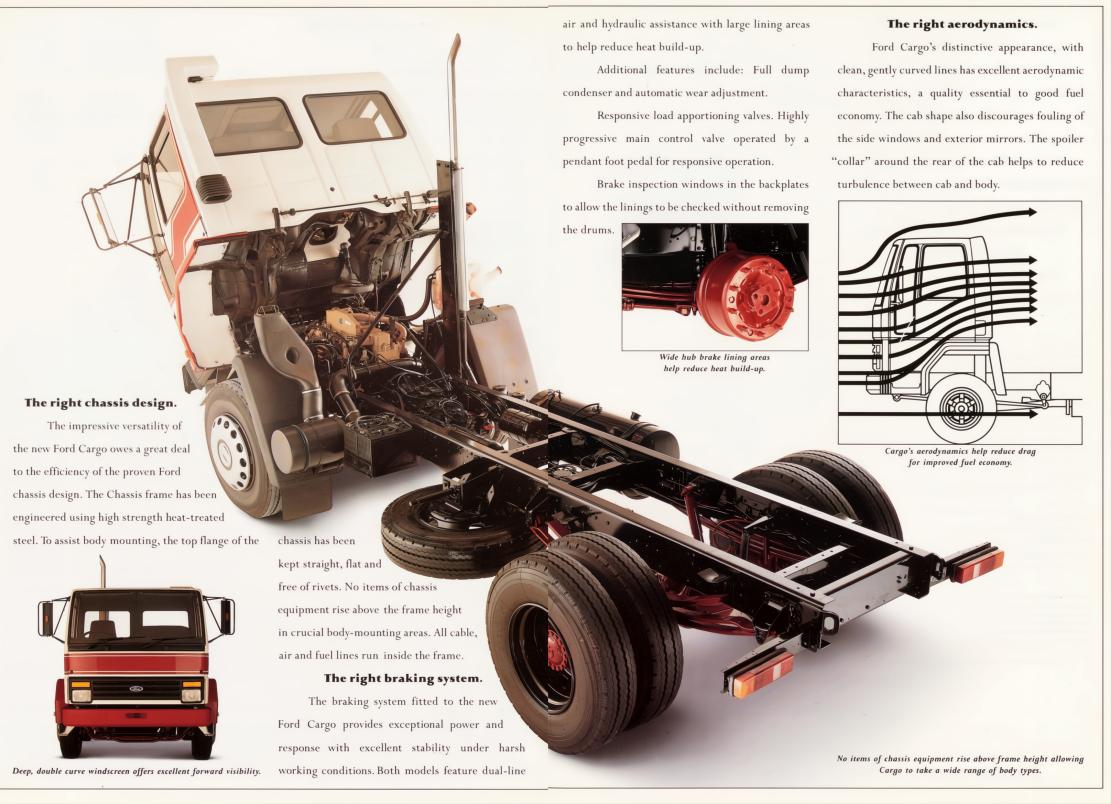
Eaton 6109 Series.

Shift pattern.

Rockwell. The right rear axles.

Ford have selected Rockwell single speed rear axles for use in the new Ford Cargo. Generoid hypoid gearing improves service life and offers much quieter operation.

Axle shafts are induction hardened forged steel to provide torsion flow for increased strength and durability. Double ribbed differential bearing caps reduce leg deflection under gear separating loads and induction hardened bearing journals have higher resistance to wear.



Ford Heavy Truck Service and Contract Maintenance Program.

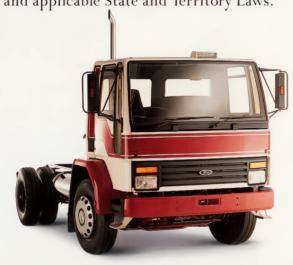
This Ford Program – available at additional cost and to approved applicants – is designed to assist fleets with forecasting and budgeting by offering a maintenance contract.

This is tailored to individual requirements and covers specified scheduled servicing, mechanical repairs and breakdowns on new Ford trucks.

12 months/unlimited kilometres Express Warranty.

The Express Warranty given by Ford is an indication of the confidence which Ford has in the

reliability built into Cargo and its ability to perform up to specifications. That Express Warranty does not deprive a consumer of those rights and remedies which are given to consumers by the Trade Practices Act and applicable State and Territory Laws.



Heavy Truck Authorised Dealers



About this brochure. This brochure is designed to provide you with a general introduction to the Ford Products (including available optional equipment) referred to, and should be read in conjunction with the latest specification sheets. Because of changes in conditions and circumstances Ford* reserves the right, subject to all applicable laws, at any time, at its discretion, and without notice to discontinue or change the features, designs, materials, colours and other specifications and the prices of its products, and to either permanently or temporarily withdraw any such products from the market without incurring any liability to any prospective purchaser or purchaser.

The latest specification sheet should be referred to for information on the availability, ordering and use of optional equipment. Always consult an Authorised Ford Dealer for the latest information with respect to features, specifications, prices, optional equipment and availability before deciding to place an order.

*FORD MOTOR COMPANY OF AUSTRALIA LIMITED. (Incorporated in Victoria.) Registered Office: 1735 Sydney Road, Campbellfield, Victoria 3061.

Printed March 1990



AXLE FRONT

□Drop forged steel I Beam; Beam capacity 5000kg

AXLE REAR

□Rockwell R140, Full floating hypoid axle □Ratio 4.30:1 □Capacity 9500kg

BRAKES

□Service: Dual line air over hydraulic; Auto adjust; High pressure air storage; Condenser valve with auto drain; □Balanced life front — rear linings; Low air pressure warning light and buzzer; Hydraulic brake pressure differential warning light and prove-out feature; □Load apportioning valve □Brake Size: Front 394×175mm; Rear 394×127mm; Lining Area: 4485cm² Park Brake: Spring set type actuator mounted on chassis operating through cable and rods to rear wheels

Exhaust Brake: Foot operated exhaust brake

CHASSIS

□3600mm, 4200mm Wheelbase: Channel section 242×76×6mm; Section modulus 146cm³; Yield strength of material 4500kg/cm²

5450mm Wheelbase: Channel section 266×88×7mm; Section modulus 213cm³; Yield strength of material 4500kg/cm²

CLUTCH

☐Single dry plate of 330mm diameter; Diaphragm spring type pressure plate; Hydraulic actuation;

| Facing area 498cm² per side

DRIVELINE

□1630 Series

ELECTRICAL

□24 volt negative earth system; Two batteries 24 V 120 A/H capacity 560CCA 160 minutes reserve; Alternator 24 V 55 amp; Rectangular quartz halogen headlamps; Park lamps; Front direction indicators with side fender mounted repeaters; Rear combination stop—tail, turn and number plate lamps; □Dual 2-speed self parking windscreen wipers with "flick" wipe; Electric windscreen washers; □Single horn; Hazard warning lights; □Instruments — Speedometer/Odometer; Tachometer; Fuel gauge; Water temperature gauge; Oil pressure gauge; Two air pressure gauges; □Warning lights for — Main headlamp beam; Charge indicator; Direction indicator RH/LH; Parking brake; Low air pressure; Hydraulic failure warning prove-out feature through ignition switch; RH and LH cab latch engagement

FUEL SYSTEM

□195 litre fuel tank mounted on RH frame rail; Water separator primary fuel filter; Twin paper element secondary fuel filter;

Mechanical lift pump; Bosch in-line fuel pump with automatic cold start system and boost control

RATINGS: GROSS VEHICLE MASS & GROSS COMBINATION MASS (kg)

G.V.M. Plated	13700
Front Axle:	5000
Suspension:	5330
Tyres:	5200
Front Rating:	5000
Rear Axle:	9500
Suspension:	9500
Tyres:	9120
Rear Rating:	9120
G.C.M. Plated:	24000
ABOVE TABLE SHOWS MINIMUM EC	DUIPMENT REQUIRED FOR PLATED GVM/GCM

ENGINE SPECIFICATIONS: CUMMINS B SERIES

134 kW (180 HP)	132 kW (177 HP)
	102 KVV (177 TII)
617 Nm (455 lb.ft)	606 Nm (447 lb.ft)
	S17 Nm (455 lb.ft)

FRONT SUSPENSION:

□Taper leaf springs; 2400kg pad capacity per spring □Ground rating

Front Shock Absorbers: Double acting telescopic; Anti roll bar

REAR SUSPENSION

☐Taper leaf spring; 4250kg pad capacity per spring; ☐Ground rating 9500kg

Rear Shock Absorbers: Double acting hydraulic

STEERING

□Integral power steering; Cam HFB-64; Recirc. Ball; Ratio 20.4:1; 480mm dia. steering wheel;

TRANSMISSION

□Eaton 4106 all synchromesh six speed Ratio: 1st 9.03 2nd 5.25 3rd 3.10 2.00 4th 5th 6th Reverse 8.07

PTO: Left side SAE 6 bolt facing Ratio 0.226:1

WHEELS

☐Seven three piece wheels; Size: B700×20

TYRES

☐Seven supplied;

Size: 9.00R×20—14 ply

□ Spare Wheel Carrier: Side mounted

CAB

□All steel forward control fully isolated tilt cab with 80dB(A) noise insulation; Laminated windscreen;
Fully trimmed doors with kerb observation window; Headlining and back panel cloth trimmed; Moulded rubber insulated floor mats; Drivers and passengers sun visors; Two coat hooks; Bostrom

driver's seat; DFixed dual passenger seat with fully moulded pads; □Both seats fabric covered; □Seat belts, outboard inertia reel lap diagonal, centre static lap; Instrument panel modular design comprising instrument housing, centre control console and glove box — fuse panel modules;

□Climate control comprising foot and face level ventilation and heating, windscreen and sidescreen demist, door air extraction louvres, two speed heater fan and provision for after market air conditioning; Cigarette lighter and ash tray; West Coast rear vision mirrors; ☐Tinted side and rear glass ☐Large rear windows Front exterior service access to windscreen wiper, brake valve. heater and clutch reservoir components; ☐Front mudflaps

Cab Finish: Electrocoat undercoating process with baked enamel finish; □Extensive corrosion protection package

OPTIONAL EQUIPMENT

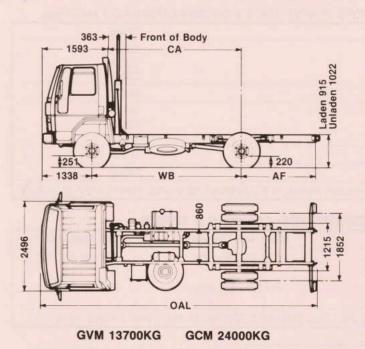
Anti Roll Bar: Rear anti roll bars available for high centre of gravity loads

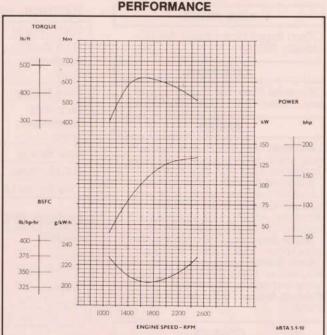
- 1. Net outputs will vary depending on equipment fitted and will be slightly less than the gross figures shown.
- These are net outputs allowing for a standard fixed fan and other minimum equipment. They will vary slightly according to the actual equipment fitted.

MARCH 1990

CARGO 1418 4×2 DIESEL







DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
3600 WB	3345	1870	6808	14.1 m
4250 WB	3995	2220	7808	16.1 m
5450 WB	5195	3020	9808	19.8 m

MASS DATA

Kerb Mass — Minimum Equipment — kg*	Front	Rear	Total
3600 WB	2461	1446	3907
4250 WB	2502	1466	3968
5450 WB	2508	1623	4131

BODY DATA

Body, Payload and Occupant Capacity* — Minimum Equipment — kg	
3600 WB	9793
4250 WB	9732
5450 WB	9569

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CARGO 1518 4×2 DIESEL



AXLE FRONT

□Drop forged steel I Beam; Beam capacity 6500kg

AXLE REAR

□Rockwell R140, Full floating hypoid axle □Ratio 4.30:1 □Capacity 10500kg

BRAKES

□Service: Dual line air over hydraulic;
Auto adjust; High pressure air storage;
Condenser valve with auto drain;
□Balanced life front — rear linings;
□Low air pressure warning light and buzzer; Hydraulic brake pressure differential warning light and prove-out feature; □Load apportioning valve
□Brake Size: Front 394×175mm; Rear 394×127mm; Lining Area: 4485cm²
□Park Brake: Spring set type actuator mounted on chassis operating through cable and rods to rear wheels
Exhaust Brake: Foot operated exhaust brake

CHASSIS

□Channel section 266×88×7mm; Section modulus 213cm³; Yield strength of material 4500kg/cm²

CLUTCH

□Single dry plate of 330mm diameter; Diaphragm spring type pressure plate; Hydraulic actuation; □Facing area 498cm² per side

DRIVELINE

□1630 Series

ELECTRICAL

□24 volt negative earth system; Two batteries 24 V 120 A/H capacity; 560CCA 160 minutes reserve; Alternator 24 V 55 amp; □Rectangular quartz halogen headlamps; Park lamps; Front direction indicators with side fender mounted repeaters; Rear combination stop—tail, turn and number plate lamps; □Dual 2-speed self parking windscreen wipers with "flick" wipe; Electric windscreen washers; □Single horn; Hazard warning lights; □Instruments — Speedometer/Odometer; Tachometer; Fuel gauge; Water temperature gauge; Oil pressure gauge; Two air pressure gauges; □Warning lights for — Main headlamp beam; Charge indicator; Direction indicator RH/LH; Parking brake; Low air pressure; Hydraulic failure warning prove-out feature through ignition switch; RH and LH cab latch engagement

FUEL SYSTEM

□195 litre fuel tank mounted on RH frame rail; □Water separator primary fuel filter; Twin paper element secondary fuel filter; □Mechanical lift pump; Bosch in-line fuel pump with automatic cold start system and boost control

FRONT SUSPENSION:

□Taper leaf springs; 2400kg pad capacity per spring □Ground rating 6000kg

RATINGS: GROSS VEHICLE MASS & GROSS COMBINATION MASS (kg)

G.V.M. Plated	15000
Front Axle:	6500
Suspension:	6000
Tyres:	6000
Front Rating:	6000
Rear Axle:	10500
Suspension:	10200
Tyres:	10520
Rear Rating:	10200
G.C.M. Plated:	24000
ABOVE TABLE SHOWS MINIMUM EC	QUIPMENT REQUIRED FOR PLATED GVM/GCM

ENGINE SPECIFICATIONS: CUMMINS B SERIES

RATINGS	BSAU 1419 GROSS ¹	DIN 70020 NET ²
Power @ 2500 RPM	134 kW (180 HP)	132 kW (177 HP)
Torque @ 1600 RPM	617 Nm (455 lb.ft)	606 Nm (447 lb.ft)
IN-LINE SIX, 5.9 L	ITRE, COMPRESSION RATIO: 16.5:1	, RAC RATING 38.78 HP.

□ Front Shock Absorbers: Double acting telescopic; □ Anti roll bar

REAR SUSPENSION

□Taper leaf spring; 5000kg pad capacity per spring; □Ground rating 10500kg

10500kg

Rear Shock Absorbers: Double acting hydraulic

STEERING

□Integral power steering; Cam HFB-64; Recirc. Ball; Ratio 20.4:1; 480mm dia. steering wheel;

TRANSMISSION

□Eaton 6109 all synchromesh nine speed

Ratio: 1st 12.6 6th 2.53
2nd 8.98 7th 1.84
3rd 6.53 8th 1.34
4th 4.75 9th 1.00
5th 3.55 Reverse13.17
PTO: 2×SAE 6 bolt facings

Ratio 0.467

WHEELS

□22.5×8.25 one piece; 10 stud; □Seven wheels supplied

TYRES

□11R 22.5 — 16 PR radial front; 2 supplied; □11R 22.5 — 16 PR radial rear and spare; 5 supplied

□Spare Wheel Carrier: Side mounted

CAB

□All steel forward control fully isolated tilt cab with 80dB(A) noise insulation; Laminated windscreen; □Fully trimmed doors with kerb observation window; Headlining and back panel cloth trimmed; Moulded rubber insulated floor mats; □Drivers and passengers sun visors; Two coat hooks; □Bostrom driver's seat; □Fixed dual passenger seat with fully moulded pads; □Both seats fabric covered; □Seat belts,

outboard inertia reel lap diagonal, centre static lap; □Instrument panel modular design comprising instrument housing, centre control console and glove box — fuse panel modules; □Climate control comprising foot and face level ventilation and heating, windscreen and sidescreen demist, door air extraction louvres, two speed heater fan and provision for after market air conditioning; □Cigarette lighter and ash tray; □West Coast rear vision mirrors; □Tinted side and rear glass □Large rear windows □Front exterior service access to windscreen wiper, brake valve, heater and clutch reservoir components; □Front mudflaps

□ Cab Finish: Electrocoat undercoating process with baked enamel finish; □ Extensive corrosion protection package

OPTIONAL EQUIPMENT

□Anti Roll Bar: Rear anti roll bars available for high centre of gravity loads

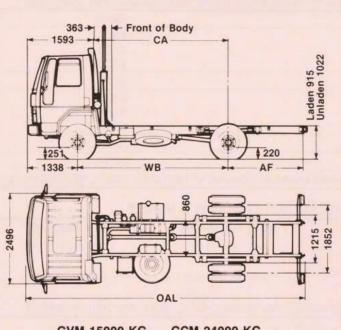
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MARCH 1990

CARGO 1518 4×2 DIESEL



ABTA 5 9.10



GVM 15000 KG GCM 24000 KG

DIMENSIONAL DATA

CA	AF	OAL	Swept Circle
3345	1100	6038	14.3 m
3995	1220	6808	16.3 m
5345	1870	8808	20.4 m
	3995	3995 1220	3995 1220 6808

MASS DATA

Kerb Mass — Minimum Equipment — kg*	Front	Rear	Total
3600 WB	2743	1516	4259
4250 WB	2785	1525	4310
5600 WB	2839	1604	4443

BODY DATA

3600 WB	10741
4250 WB	10690
5600 WB	10557

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